



# South African

## Supply and Demand Estimates

December 2022 Report



**GRAIN & OILSEEDS SUPPLY & DEMAND  
ESTIMATES COMMITTEE (S&DEC)**

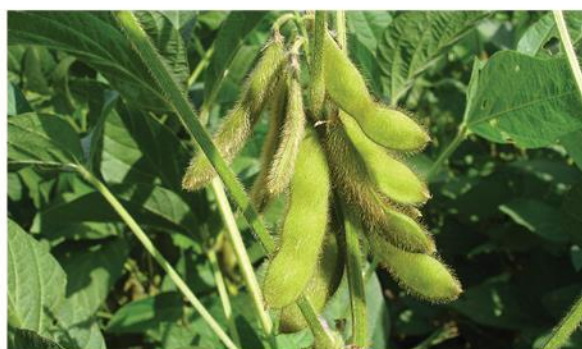
**SASDE – 115<sup>th</sup> meeting held on  
13 January 2023**



**The NAMC, Maize Trust, Oil and Protein  
Seeds Development Trust, Sorghum Trust  
and Winter Cereal Trust jointly fund the  
Grain and Oilseeds Supply & Demand  
Estimates (S&DE) initiative**



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## THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR DECEMBER 2022 ARE AS FOLLOWS:

### WHITE MAIZE (2022/23 Season)

**Supply:** The total supply of white maize is projected at 9 174 099 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 May 2022) of 1 465 537 tons and local commercial deliveries of 7 559 750 tons. Whole white maize imports are estimated at 0 tons for the season, early deliveries of 138 812 tons and a surplus of 10 000 tons.

**Demand:** The total demand (domestic plus exports) for white maize is projected at 7 850 700 tons. The total domestic demand is projected at 6 525 700 tons. This includes 4 790 000 tons processed for human consumption, 1 700 000 tons processed for animal and industrial consumption, 11 200 tons for gristing, 12 000 tons withdrawn by producers, 7 500 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 175 000 tons of processed products and 1 150 000 tons of white whole maize is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 April 2023 is estimated at 1 323 399 tons. At an average processed quantity of 541 767 tons per month, this represents available stock levels for 2.4 months or 74 days.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 670 000 tons of white maize available for exports for the 2022/23 marketing season (provided there is efficient logistical capacity). Keep in mind that, as of 06 January 2023, 652 301 tons have already been exported (weekly SAGIS figures).*

### YELLOW MAIZE (2022/23 Season)

**Supply:** The total supply of yellow maize is projected at 7 915 272 tons for the 2022/23 marketing season. This includes an opening stock (at 1 May 2022) of 658 682 tons and local commercial deliveries of 7 187 450 tons. No yellow maize imports estimated for the season, early deliveries of 52 140 tons and a surplus of 17 000 tons.

**Demand:** The total demand (domestic plus exports) for yellow maize is projected at 7 081 000 tons. The total domestic demand is projected at 4 856 000 tons. This includes 550 000 tons processed for human consumption, 4 230 000 tons processed for animal and industrial consumption, 6 000 tons for gristing, 23 000 tons withdrawn by producers, 42 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 175 000 tons of processed products and 2 050 000 tons of yellow whole maize is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 April 2023 is estimated at 834 272 tons. At an average processed quantity of 398 833 tons per month, this represents available stock levels for 2.1 months or 64 days.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 294 000 tons of yellow maize available for exports for the 2022/23 marketing season (provided there is efficient logistical capacity). Keep in mind that, as of 06 January 2023, 1 752 338 tons have already been exported (weekly SAGIS figures).*

## TOTAL MAIZE (2022/23 Season)

**Supply:** The total supply of maize is projected at 17 089 371 tons for the 2022/23 marketing season. This includes an opening stock (at 1 May 2022) of 2 124 219 tons and local commercial deliveries of 14 747 200 tons. No imports are expected, early deliveries of 190 952 tons and a surplus of 27 000 tons.

**Demand:** The total demand (domestic plus exports) for maize is projected at 14 931 700 tons. The total domestic demand is projected at 11 381 700 tons. This includes 5 340 000 tons processed for human consumption, 5 930 000 tons processed for animal and industrial consumption, 17 200 tons for gristing, 35 000 tons withdrawn by producers, 49 500 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 350 000 tons of processed products and 3 200 000 tons of total whole maize is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 April 2023 is estimated at 2 157 671 tons. At an average processed quantity of 940 600 tons per month, this represents available stock levels for 2.3 months or 70 days.

*See Appendix 1 for detailed S&D table. An explanation of terms and calculations is available on the NAMC website (<http://www.namc.co.za>).*

## SWEET SORGHUM (2022/23 Season)

**Supply:** The total supply of sweet sorghum is projected at 136 826 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 51 986 tons, local commercial deliveries of 74 140 tons, imports of 700 tons for South Africa and a sweet sorghum surplus of 10 000 tons.

**Demand:** The total demand (domestic plus exports) for sweet sorghum is projected at 104 000 tons. This includes 1 000 tons for indoor malting, 5 500 tons for floor malting, 68 000 tons for meal, rice and grits, 20 800 tons for feed, 500 tons withdrawn by producers, 400 tons released to end consumers, and a balancing figure of 600 tons (net receipts and net dispatches). A projected export quantity of 7 200 tons of sweet sorghum is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 32 826 tons. At an average processed quantity of 7 942 tons per month, this represents available stock levels for 4.1 months or 126 days.

## BITTER SORGHUM (2022/23 Season)

**Supply:** The total supply of bitter sorghum is projected 79 271 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 54 171 tons, local commercial deliveries of 25 000 tons, no bitter sorghum imports and a surplus of 100 tons for South Africa.

**Demand:** The total demand (domestic plus exports) for bitter sorghum is projected at 69 130 tons. This includes 12 500 tons for indoor malting, 45 000 tons for floor malting, 2 000 tons for meal, rice and grits, 6 305 tons for feed, 1 000 tons withdrawn by producers, 100 tons released to end consumers, a balancing figure of 25 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 2 200 tons of bitter sorghum is estimated for exports for the 2022/23 marketing season.



**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 10 141 tons. At an average processed quantity of 5 484 tons per month, this represents available stock levels for 1.8 months or 56 days.

### **TOTAL SORGHUM (2022/23 Season)**

**Supply:** The total supply of sorghum is projected at 216 097 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 106 157 tons, local commercial deliveries of 99 140 tons, sorghum imports of 700 tons for South Africa with a surplus of 10 100 tons.

**Demand:** The total demand (domestic plus exports) for sorghum is projected at 173 130 tons. This includes 13 500 tons for indoor malting, 50 500 tons for floor malting, 70 000 tons for meal, rice and grits, 27 105 tons for feed, 1 500 tons withdrawn by producers, 500 tons released to end consumers, a balancing figure of 625 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 9 400 tons of total sorghum is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 42 967 tons. At an average processed quantity of 13 425 tons per month, this represents available stock levels for 3.2 months or 97 days.

*See Appendix 2 for detailed S&D table.*

### **WHEAT (2022/23 Season)**

**Supply:** The total supply of wheat is projected at 4 293 378 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 October 2022) of 625 083 tons, local commercial deliveries of 2 208 795 tons, whole wheat imports estimated for South Africa of 1 450 000 tons and a surplus of 9 500 tons.

**Demand:** The total demand (domestic plus exports) for wheat is projected at 3 642 200 tons. This includes 3 370 000 tons processed for human consumption, 15 000 tons processed for animal consumption, 4 800 tons withdrawn by producers, 1 400 tons released to end consumers, 19 500 tons projected seed for planting purposes and a balancing figure of 3 500 tons (net receipts and net dispatches). A projected export quantity of 28 000 tons processed products and 200 000 tons whole wheat is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 September 2023 is estimated at 651 178 tons. At an average processed quantity of 282 083 tons per month, this represents available stock levels for 2.3 months or 70 days.

*See Appendix 3 for detailed S&D table.*

### **SUNFLOWER SEED (2022/23 Season)**

**Supply:** The total supply of sunflower seed is projected at 891 340 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 31 790 tons, local commercial deliveries of 845 550 tons, sunflower seed imports of 7 000 tons for South Africa and a surplus of 7 000 tons.

**Demand:** The total demand (domestic plus exports) for sunflower seed is projected at 832 200 tons. This includes 1 600 tons processed for human consumption, 6 000 tons processed for animal consumption, 820 000 tons for crush (oil and oilcake), 1 200 tons withdrawn by producers, 150 tons released to end consumers, 2 300 tons seed for planting purposes and a balancing figure of 700 tons

(net receipts and net dispatches). A quantity of 250 tons is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 59 140 tons. At an average processed quantity of 68 967 tons per month, this represents available stock levels for 0.9 months or 26 days.

*See Appendix 4 for detailed S&D table.*

### **SOYBEANS (2022/23 Season)**

**Supply:** The total supply of soybeans is projected at 2 344 887 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 168 387 tons, local commercial deliveries of 2 169 000 tons, 5 000 tons of soybean imports for South Africa and a surplus of 2 500 tons.

**Demand:** The total demand (domestic plus exports) for soybeans is projected at 2 154 250 tons. This includes 23 000 tons processed for human consumption, 200 000 tons processed for animal (full fat) feed, 1 640 000 tons for crush (oil and oilcake), 100 tons withdrawn by producers, 150 tons released to end consumers, 10 500 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 280 000 tons soybeans is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 190 637 tons. At an average processed quantity of 155 250 tons per month, this represents available stock levels for 1.2 months or 37 days.

Please note that the carry over stock is the estimated closing stock for the 2022/23 marketing year as at the end of February 2023. This should be taken into consideration when calculating the availability for the new marketing year until the new crop is delivered.

*See Appendix 5 for detailed S&D table.*

### **PLEASE NOTE:**

**The January SASDE Report will be released on 27 January 2023.**

# Appendix 1: Detailed S & D table for White, Yellow and Total Maize: December 2022

	Marketing season	White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
		Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate Committee)	8 600 000	7 789 750	7 715 000	7 597 450	16 315 000	15 387 200
2	CEC (Retention)	202 000	230 000	422 000	410 000	624 000	640 000
3	Min: Early deliveries for current season (March + April)	437 036	141 188	520 271	272 860	957 307	414 048
4	Plus: Early deliveries for next season (March + April)**	141 188	280 000	272 860	325 000	414 048	605 000
5	<b>Available for the commercial market</b>	<b>8 102 152</b>	<b>7 698 562</b>	<b>7 045 589</b>	<b>7 239 590</b>	<b>15 147 741</b>	<b>14 938 152</b>
6	<b>SUPPLY</b>						
7	Opening stock (1 May)	1 354 953	1 465 537	761 953	658 682	2 116 906	2 124 219
8	Producer deliveries	8 135 392	7 559 750	7 131 170	7 187 450	15 266 562	14 747 200
9	Imports	7 583	0	0	0	7 583	0
10	Early deliveries (Net)*	0	138 812	0	52 140	0	190 952
11	Surplus	25 495	10 000	17 894	17 000	43 389	27 000
12	<b>Total Supply</b>	<b>9 523 423</b>	<b>9 174 099</b>	<b>7 911 017</b>	<b>7 915 272</b>	<b>17 434 440</b>	<b>17 089 371</b>
13	<b>DEMAND</b>						
14	<b>Processed for the local market</b>	<b>7 116 774</b>	<b>6 501 200</b>	<b>3 963 926</b>	<b>4 786 000</b>	<b>11 087 127</b>	<b>11 287 200</b>
15	- human	4 697 765	4 790 000	474 216	550 000	5 171 981	5 340 000
16	- animal and industrial	2 407 049	1 700 000	3 490 822	4 230 000	5 897 871	5 930 000

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17	- gristing	11 960	11 200	5 315	6 000	17 275	17 200
18	Withdrawn by producers	13 766	12 000	22 897	23 000	36 663	35 000
19	Released to end-consumers	3 404	7 500	45 478	42 000	48 882	49 500
20	Net receipts(-)/disp(+)	-492	5 000	2 830	5 000	2 338	10 000
21	Deficit	0	0	0	0	0	0
<b>22</b>	<b>Local demand</b>	<b>7 133 452</b>	<b>6 525 700</b>	<b>4 041 558</b>	<b>4 856 000</b>	<b>11 175 010</b>	<b>11 381 700</b>
<b>23</b>	<b>Exports</b>	<b>924 434</b>	<b>1 325 000</b>	<b>3 210 777</b>	<b>2 225 000</b>	<b>4 135 211</b>	3 550 000
24	- products	189 492	175 000	213 733	175 000	403 225	350 000
25	- whole maize	734 942	1 150 000	2 997 044	2 050 000	3 731 986	3 200 000
<b>26</b>	<b>Total Demand</b>	<b>8 057 886</b>	<b>7 850 700</b>	<b>7 252 335</b>	<b>7 081 000</b>	<b>15 310 221</b>	<b>14 931 700</b>
<b>27</b>	<b>Closing Stock (30 Apr)</b>	<b>1 465 537</b>	<b>1 323 399</b>	<b>658 682</b>	<b>834 272</b>	<b>2 124 219</b>	<b>2 157 671</b>
28	- processed p/month	593 065	541 767	330 327	398 833	923 927	940 600
29	- months' stock	2,5	2,4	2,0	2,1	2,3	2,3
<b>30</b>	<b>- days' stock</b>	<b>75</b>	<b>74</b>	<b>61</b>	<b>64</b>	<b>70</b>	<b>70</b>

## Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum: December 2022

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate Committee)	121 000	77 140	94 000	26 000	215 000	103 140
2	CEC Retentions	0	3 000	0	1 000	0	4 000
3	<b>Available for the commercial market</b>	<b>121 000</b>	<b>74 140</b>	<b>94 000</b>	<b>25 000</b>	<b>215 000</b>	<b>99 140</b>
4	<b>SUPPLY</b>						
5	Opening stock (1 March)	25 372	51 986	26 423	54 171	51 795	106 157
6	Prod deliveries	120 359	74 140	93 099	25 000	213 458	99 140
7	Imports for South Africa	4 147	700	0	0	4 147	700
8	Surplus	565	10 000	-330	100	235	10 100
9	<b>Total Supply</b>	<b>150 443</b>	<b>136 826</b>	<b>119 192</b>	<b>79 271</b>	<b>269 635</b>	<b>216 097</b>
10	<b>DEMAND</b>						
11	<b>Processed</b>	<b>89 815</b>	<b>95 300</b>	<b>62 243</b>	<b>65 805</b>	<b>152 058</b>	<b>161 105</b>
12	- Indoor malting	716	1 000	13 388	12 500	14 104	13 500
13	- Floor malting	9 417	5 500	41 447	45 000	50 864	50 500
14	- Meal, rice & grits	70 151	68 000	2 341	2 000	72 492	70 000
15	- Pet Food	633	1 800	0	5	633	1 805
16	- Poultry feed	7 694	7 500	1 332	2 000	9 026	9 500



		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
17	- Livestock feed	1 204	11 500	3 735	4 300	4 939	15 800
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	519	500	1 418	1 000	1 937	1 500
20	Released to end-cons	523	400	62	100	585	500
21	Net receipts(-)/ disp(+)	68	600	-228	25	-160	625
22	Deficit	0	0	0	0	0	0
23	Exports	7 532	7 200	1 526	2 200	9 058	9 400
24	<b>Total Demand</b>	<b>98 457</b>	<b>104 000</b>	<b>65 021</b>	<b>69 130</b>	<b>163 478</b>	<b>173 130</b>
25	<b>Ending Stock (28/29 Feb)</b>	<b>51 986</b>	<b>32 826</b>	<b>54 171</b>	<b>10 141</b>	<b>106 157</b>	<b>42 967</b>
26	- processed p/month	7 485	7 942	5 187	5 484	12 672	13 425
27	- months' stock	6,9	4	10	2	8	3
28	<b>- days' stock</b>	<b>211</b>	<b>126</b>	<b>318</b>	<b>56</b>	<b>255</b>	<b>97</b>

### Appendix 3: Detailed S & D table for Wheat: December 2022

		Wheat	Wheat
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	2 285 000	2 248 795
2	CEC (Retention)	0	40 000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	467 404	625 083
5	Prod deliveries*	2 262 938	2 208 795
6	Imports	1 601 299	1 450 000
7	Surplus	4 448	9 500
<b>8</b>	<b>Total Supply</b>	<b>4 336 089</b>	<b>4 293 378</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	Processed	<b>3 384 445</b>	<b>3 385 000</b>
11	- human	3 364 789	3 370 000
12	- animal	19 656	15 000
13	- gristing	0	0
14	Withdrawn by producers	7 033	4 800
15	Released to end-consumers	1 426	1 400
16	Seed for planting purposes	19 377	19 500
17	Net receipts(-)/disp(+)	1 615	3 500
18	Deficit	0	0
19	Exports	297 110	228 000
20	- products	25 918	28 000
21	- whole wheat	271 192	200 000
<b>22</b>	<b>Total Demand</b>	<b>3 711 006</b>	<b>3 642 200</b>

<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>625 083</b>	<b>651 178</b>
24	- processed p/month	282 037	282 083
25	- months' stock	2,2	2,3
<b>26</b>	<b>- days' stock</b>	<b>67</b>	<b>70</b>

#### Appendix 4: Detailed S & D table for Sunflower Seed: December 2022

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	678 000	845 550
<b>2</b>	<b>SUPPLY</b>		
3	Opening stock (1 March)	60 964	31 790
4	Prod deliveries	689 083	845 550
5	Imports for South Africa	1 256	7 000
6	Surplus	9 306	7 000
<b>7</b>	<b>Total Supply</b>	<b>760 609</b>	<b>891 340</b>
<b>8</b>	<b>DEMAND</b>		
<b>9</b>	<b>Processed</b>	<b>724 949</b>	<b>827 600</b>
10	- human	1 556	1 600
11	- animal	6 129	6 000
12	- crush (oil and oilcake)	717 264	820 000
13	Withdrawn by producers	359	1 200
14	Released to end-consumers	666	150
15	Seed for planting purposes	2 495	2 300
16	Net receipts(-)/disp(+)	133	700
17	Deficit	0	0
18	Exports	217	250
<b>19</b>	<b>Total Demand</b>	<b>728 819</b>	<b>832 200</b>
<b>20</b>	<b>Ending Stock (28/29 Feb)</b>	<b>31 790</b>	<b>59 140</b>
21	- processed p/month	60 412	68 967
22	- months' stock	0,5	0,9
<b>23</b>	<b>- days' stock</b>	<b>16</b>	<b>26</b>

## Appendix 5: Detailed S & D table for Soybeans: December 2022

		Soybeans	Soybeans
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	1 897 000	2 201 000
2	Retention	0	32 000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 March)	46 053	168 387
5	Prod deliveries	1 868 772	2 169 000
6	Imports for South Africa	13 448	5 000
7	Surplus	4 289	2 500
<b>8</b>	<b>Total Supply</b>	<b>1 932 562</b>	<b>2 344 887</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>1 710 221</b>	<b>1 863 000</b>
11	- human	22 279	23 000
12	- animal feed (full fat soya)	167 480	200 000
13	- crush (oil/oilcake)	1 520 462	1 640 000
14	Withdrawn by producers	196	100
15	Released to end-consumers	123	150
16	Seed for planting purposes	11 079	10 500
17	Net receipts(-)/disp(+)	261	500
18	Deficit	0	0
19	Exports	42 295	280 000
<b>20</b>	<b>Total Demand</b>	<b>1 764 175</b>	<b>2 154 250</b>

<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>168 387</b>	<b>190 637</b>
22	- processed p/month	142 518	155 250
23	- months' stock	1,2	1,2
<b>24</b>	<b>- days stock</b>	<b>36</b>	<b>37</b>



## South African Supply and Demand Estimates



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For further clarification pertaining to the definitions of the selected items contained in the South African Supply and Demand Estimates (SASDE) Report, kindly visit: <https://www.namc.co.za/wpcontent/uploads/2020/03/Definitions-for-selected-items-of-the-SASDE-Report-revised-March2020.pdf>

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Compiled by the South African Grain & Oilseeds Supply & Demand Estimates Committee

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